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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

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Western Australian Office

WESTERN AUSTRALIA

INDUSTRIAL ACCIDENTS (Series B)

1968-69

NOTE. The statistics contained in this publication have been compiled from reports of workers' compensation claims closed during the year ended 30 June 1969 in respect of accidents causing death or absence from work for one week or more.

This publication has been prepared to provide figures which are comparable with those for other Australian States which do not compile statistics of industrial accidents involving absence from work for less than one week.

An earlier release, (W.1/70) Industrial Accidents (Series A) issued 2 January 1970, contains corresponding information in respect of industrial accidents causing death or absence from work for one day or more.

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NOTES

The collection of information required for detailed analysis of industrial accidents occurring in Western Australia commenced on 1 July 1961. From that date all insurers and self-insurers have been required to submit a report to the Workers' Compensation Board in respect of each claim for workers' compensation as soon as the claim is closed. Only accidents coming within the scope of the Workers' Compensation Act are included in the statistics, which therefore exclude industrial accidents resulting in the death of, or injury to, self-employed persons and all Commonwealth Government employees. Compensation for employees of the Commonwealth Government is provided by the Commonwealth Employees' Compensation Act 1930-1969. As the statistics relate only to accidents, particulars of cases of industrial disease are excluded.

With few exceptions, an accident to an employee while travelling between his place of residence and place of employment was not compensable in Western Australia until 14 December 1964, when the Workers' Compensation Act Amendment Act, 1964 came into operation. From that date, the compensation provisions have been extended generally to include such cases. During the year ended 30 June 1969, 206 claims were reported closed in respect of 'journey' cases involving loss of work for one week or more. The total time lost was 1,177.4 weeks and the cost of claims amounted to \$61,887. Journey cases are not, however, included in the statistics which are intended to cover only those accidents occurring at the work site or in the course of the worker's normal duties.

For the purposes of the collection, each claim is regarded as a separate industrial accident and data are prepared from reports of claims closed during the year under review (in this instance, the year ended 30 June 1969). To facilitate comparison with the previous year, some significant totals for 1967-68 are included. The item 'Cost of Claims' appearing in some of the tables refers to total payments made (principally in the form of compensation for loss of wages, medical expenses, and lump-sum settlements) in respect of claims closed during the year, and therefore does not necessarily represent amounts actually paid in that year. Similarly, 'Time Lost' refers to total time lost (i.e. from date of injury) in respect of claims closed during the year.

Classification according to industry group has been made on the basis of the 1966 Census Classification of Industries. In the tables on pages 4 to 12, the Industry Group or Sub-group is shown, in several cases, in an abbreviated form. The full title of each classification listed is as follows:

Primary production

Mining and quarrying

Manufacturing -

Manufacture relating to cement, bricks, glass and stone

Founding, engineering and metalworking

Manufacture, assembly and repair of ships, vehicles, parts and accessories

Manufacture of food, drink and tobacco

Sawmilling and manufacture of wood products (other than furniture)

Other manufacturing

Electricity, gas, water and sanitary services (production, supply and maintenance)

Building and construction

Transport, storage and communication

Finance and property

Commerce

Public authority (n.e.i.) and defence services, community and business services (including professional)

Amusement, hotels and other accommodation, cafes, personal service, etc.

Other industries, and industry inadequately described or not stated.

NOTES (continued)

A more detailed description of Site of Injury than that appearing on pages 9, 10 and 13 is as follows:

- Head (excluding eyes)
- Eye
- Neck (including vertebral column)
- Trunk (excluding shoulder and vertebral column)
- Arm (including shoulder and wrist)
- Hand (excluding wrist; including fingers)
- Leg (including hip and ankle)
- Foot (including toes)
- Site unspecified
- Miscellaneous reactions

The term 'Accident Factor' as used in some of the tables may be defined as 'that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident'.

To enable comparison with industrial accident statistics of other Australian States, the scope of this publication has been restricted to include only compensated work injuries causing death or absence from work for ONE WEEK OR MORE. In this context a week is interpreted as a week of five working days. In respect of reopened claims, the additional time lost and additional costs are included in the tables but, to avoid duplication, such cases (of which there were 3,779 in 1968-69) have been excluded from the numbers of accidents shown.

More detailed statistics than those published in this bulletin are available for inspection at the Commonwealth Bureau of Census and Statistics, Perth.

The abbreviation 'n.e.i.', where it occurs in the tables, denotes 'not elsewhere included'.

ROUNDING OF FIGURES

Figures appearing in Tables 1 and 9 relating to the number of weeks lost have been rounded to the nearest whole week without making those adjustments which would be needed to make the rounded figures add to the rounded total. It is for this reason that figures do not always add to the totals shown in tables 1 and 9.

Percentages appearing in Tables 1 to 4 have been corrected to the first place of decimals without making those adjustments which would be necessary to make the percentages so expressed add to precisely 100.

No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP, TIME LOST AND COST OF CLAIMS, 1968-69

TOTAL PERSONS

Industry group or sub-group (a)	Number of accidents			Time lost (non-fatal accidents)		Cost of claims (b)			
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non-fatal	Total	Average per non-fatal accident
		Number	Pro-portion of total						
			per cent	weeks	weeks	\$	\$	\$	\$
Primary production	3	973	7.0	3,808	3.9	20,136	247,459	267,595	254
Mining and quarrying	6	795	5.7	3,112	3.9	32,623	199,933	232,556	251
Total - Primary industry	9	1,768	12.8	6,920	3.9	52,759	447,392	500,151	253
Manufacturing -									
Cement, bricks, etc.	1	490	3.5	1,746	3.6	410	114,542	114,952	234
Engineering, etc.	4	1,505	10.9	5,385	3.6	29,403	343,955	373,358	229
Ships, vehicles, etc.	2	535	3.9	1,932	3.6	21,607	108,766	130,373	203
Food, drink, etc.	-	1,135	8.2	3,760	3.3	-	188,617	188,617	166
Sawmilling, etc.	2	665	4.8	3,201	4.8	10,755	227,616	238,371	342
Other manufacturing	2	628	4.5	2,217	3.5	4,443	161,642	166,085	257
Total - Manufacturing	11	4,958	35.8	18,242	3.7	66,618	1,145,138	1,211,756	231
Electricity, etc.	1	312	2.3	1,527	4.9	12,139	88,442	100,581	283
Building, etc.	2	2,476	17.9	9,952	4.0	10,018	625,193	635,211	253
Transport, etc.	2	1,366	9.9	5,191	3.8	4,353	295,556	299,909	216
Finance and property	-	23	0.2	102	4.4	-	14,758	14,758	642
Commerce	1	1,638	11.8	5,595	3.4	3,681	359,114	362,795	219
Public authority (n.e.i.), etc.	1	743	5.4	3,727	5.0	292	204,481	204,773	275
Amusement, etc.	1	573	4.1	2,174	3.8	7,990	129,269	137,259	226
Other	-	2	0.0	7	3.3	-	368	368	184
Total - Other industries	8	7,133	51.5	28,275	4.0	38,473	1,717,181	1,755,654	241
GRAND TOTAL : 1968-69	28	13,859	100.0	53,436	3.9	157,850	3,309,711	3,467,561	239
1967-68	18	13,812	100.0	56,469	4.1	80,027	3,287,243	3,367,270	238

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP, TIME LOST AND COST OF CLAIMS, 1968-69 (continued)

MALES

Industry group or sub-group (a)	Number of accidents		Time lost (non-fatal accidents)		Cost of claims (b)				
	Fatal	Non-fatal						Average per non-fatal accident	
		Number	Pro-portion of total	Total	Average per accident	Fatal	Non-fatal	Total	
			per cent	weeks	weeks	\$	\$	\$	\$
Primary production	3	952	7.6	3,670	3.9	20,136	239,704	259,840	252
Mining and quarrying	6	795	6.3	3,112	3.9	32,623	199,905	232,528	251
Total - Primary industry	9	1,747	13.9	6,781	3.9	52,759	439,609	492,368	252
Manufacturing -									
Cement, bricks, etc.	1	478	3.8	1,718	3.6	410	113,637	114,047	238
Engineering, etc.	4	1,462	11.6	5,209	3.6	29,403	335,351	364,754	229
Ships, vehicles, etc.	2	531	4.2	1,907	3.6	21,607	108,061	129,668	204
Food, drink, etc.	-	982	7.8	3,032	3.1	-	156,759	156,759	160
Sawmilling, etc.	2	640	5.1	3,121	4.9	10,755	224,877	235,632	351
Other manufacturing	2	545	4.3	1,935	3.6	4,443	138,989	143,432	255
Total - Manufacturing	11	4,638	36.9	16,921	3.6	66,618	1,077,674	1,144,292	232
Electricity, etc.	1	311	2.5	1,526	4.9	12,139	88,415	100,554	284
Building, etc.	2	2,462	19.6	9,915	4.0	10,018	623,726	633,744	253
Transport, etc.	1	1,342	10.7	5,069	3.8	4,133	291,892	296,025	218
Finance and property	-	18	0.1	85	4.7	-	13,438	13,438	747
Commerce	1	1,341	10.7	4,652	3.5	3,681	317,049	320,730	236
Public authority (n.e.i.), etc.	1	381	3.0	1,980	5.2	292	120,394	120,686	316
Amusement, etc.	1	317	2.5	1,225	3.9	7,990	83,467	91,457	263
Other	-	2	0.0	7	3.3	-	368	368	184
Total - Other industries	7	6,174	49.2	24,458	4.0	38,253	1,538,749	1,577,002	249
GRAND TOTAL: 1968-69	27	12,559	100.0	48,161	3.8	157,630	3,056,032	3,213,662	243
1967-68	18	12,703	100.0	52,199	4.1	80,027	3,100,704	3,180,731	244

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP, TIME LOST AND COST OF CLAIMS, 1968-69 (continued)

FEMALES

Industry group or sub-group (a)	Number of accidents			Time lost (non-fatal accidents)		Cost of claims (b)			
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non-fatal	Total	Average per non-fatal accident
		Number	Pro-portion of total						
			per cent	weeks	weeks	\$	\$	\$	\$
Primary production	-	21	1.6	138	6.6	-	7,755	7,755	369
Mining and quarrying	-	-	-	-	-	-	28	28	-
Total - Primary industry	-	21	1.6	138	6.6	-	7,783	7,783	371
Manufacturing -									
Cement, bricks, etc.	-	12	0.9	28	2.4	-	905	905	75
Engineering, etc.	-	43	3.3	177	4.1	-	8,604	8,604	200
Ships, vehicles, etc.	-	4	0.3	25	6.2	-	705	705	176
Food, drink, etc.	-	153	11.8	728	4.8	-	31,858	31,858	208
Sawmilling, etc.	-	25	1.9	80	3.2	-	2,739	2,739	110
Other manufacturing	-	83	6.4	282	3.4	-	22,653	22,653	273
Total - Manufacturing	-	320	24.6	1,320	4.1	-	67,464	67,464	211
Electricity, etc.	-	1	0.1	1	1.2	-	27	27	27
Building, etc.	-	14	1.1	37	2.7	-	1,467	1,467	105
Transport, etc.	1	24	1.8	122	5.1	220	3,664	3,884	153
Finance and property	-	5	0.4	17	3.4	-	1,320	1,320	264
Commerce	-	297	22.8	943	3.2	-	42,065	42,065	142
Public authority (n.e.i.), etc.	-	362	27.8	1,747	4.8	-	84,087	84,087	232
Amusement, etc.	-	256	19.7	950	3.7	-	45,802	45,802	179
Other	-	-	-	-	-	-	-	-	-
Total - Other industries	1	959	73.8	3,817	4.0	220	178,432	178,652	186
GRAND TOTAL: 1968-69	1	1,300	100.0	5,275	4.1	220	253,679	253,899	195
1967-68	-	1,109	100.0	4,269	3.8	-	186,539	186,539	168

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

No. 2 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP AND ACCIDENT FACTOR (a), 1968-69

MALES

F denotes fatal accidents; N F denotes non-fatal accidents.

Industry group or sub-group (b)	Machinery		Vehicles		Electricity, explosions, etc.		Harmful substances		Falling, slipping, stumbling, etc.		Striking against, stepping on, etc.		Handling, moving or falling objects		Hand tools		Other and unspecified		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary production	1	108	1	85	-	27	-	4	-	130	-	52	-	268	-	94	1	184	3	952
Mining and quarrying	2	56	2	62	-	14	-	16	1	170	-	26	1	349	-	82	-	20	6	795
Total - Primary industry	3	164	3	147	-	41	-	20	1	300	-	78	1	617	-	176	1	204	9	1,747
Manufacturing -																				
Cement, bricks, etc.	-	41	-	16	-	7	-	4	-	94	-	28	1	246	-	32	-	10	1	478
Engineering, etc.	-	207	2	21	-	65	-	23	1	181	-	70	1	690	-	163	-	42	4	1,462
Ships, vehicles, etc.	-	63	-	21	-	10	-	6	1	83	-	30	1	231	-	67	-	20	2	531
Food, drink, etc.	-	47	-	24	-	84	-	5	-	180	-	59	-	345	-	189	-	49	-	982
Sawmilling, etc.	-	136	1	24	-	7	-	2	-	69	-	26	1	325	-	44	-	7	2	640
Other manufacturing	1	126	-	12	-	13	-	11	-	92	-	27	1	205	-	43	-	16	2	545
Total - Manufacturing	1	620	3	118	-	186	-	51	2	699	-	240	5	2,042	-	538	-	144	11	4,638
Electricity, etc.	-	18	-	19	1	6	-	2	-	78	-	19	-	129	-	33	-	7	1	311
Building, etc.	-	95	1	151	-	51	-	24	-	556	-	142	1	1,077	-	260	-	106	2	2,462
Transport, etc.	-	38	-	118	-	17	-	5	1	404	-	61	-	600	-	52	-	47	1	1,342
Finance and property	-	-	-	3	-	-	-	-	-	6	-	-	-	4	-	3	-	2	-	18
Commerce	-	82	-	80	-	30	-	8	-	261	-	76	-	555	-	206	1	43	1	1,341
Public authority (n.e.i.), etc.	-	12	-	14	-	12	-	3	1	120	-	28	-	146	-	21	-	25	1	381
Amusement, etc.	-	12	-	15	-	18	-	3	1	73	-	15	-	111	-	28	-	42	1	317
Other	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	2
Total - Other industries	-	257	1	400	1	134	-	45	3	1,499	-	341	1	2,622	-	604	1	272	7	6,174
GRAND TOTAL,																				
1968-69: Number	4	1,041	7	665	1	361	-	116	6	2,498	-	659	7	5,281	-	1,318	2	620	27	12,559
Per cent		8.3		5.3		2.9		0.9		19.9		5.3		42.1		10.5		4.9		100.0
1967-68: Number	2	657	10	367	1	378	-	78	3	2,345	-	767	2	6,211	-	1,011	-	889	18	12,703
Per cent		5.2		2.9		3.0		0.6		18.5		6.0		48.9		8.0		7.0		100.0

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 2 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP AND ACCIDENT FACTOR (a), 1968-69 (continued)

FEMALES

F denotes fatal accidents; N F denotes non-fatal accidents.

Industry group or sub-group (b)	Machinery		Vehicles		Electricity, explosions, etc.		Harmful substances		Falling, slipping, stumbling, etc.		Striking against, stepping on, etc.		Handling, moving or falling objects		Hand tools		Other and unspecified		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary production	-	-	-	1	-	3	-	-	-	8	-	2	-	3	-	3	-	1	-	21
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Primary industry	-	-	-	1	-	3	-	-	-	8	-	2	-	3	-	3	-	1	-	21
Manufacturing -	-	-	-	-	-	-	-	-	-	3	-	-	-	7	-	-	-	-	-	12
Cement, bricks, etc.	-	2	-	-	-	-	-	-	-	3	-	-	-	7	-	-	-	-	-	12
Engineering, etc.	-	11	-	-	-	-	-	-	-	8	-	7	-	12	-	4	-	1	-	43
Ships, vehicles, etc.	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	4
Food, drink, etc.	-	14	-	1	-	3	-	1	-	51	-	7	-	57	-	10	-	9	-	153
Sawmilling, etc.	-	5	-	-	-	-	-	-	-	4	-	1	-	15	-	-	-	-	-	25
Other manufacturing	-	17	-	3	-	-	-	-	-	17	-	5	-	23	-	15	-	3	-	83
Total - Manufacturing	-	49	-	4	-	3	-	1	-	84	-	20	-	117	-	29	-	13	-	320
Electricity, etc.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Building, etc.	-	1	-	-	-	2	-	-	-	6	-	-	-	5	-	-	-	-	-	14
Transport, etc.	-	-	1	5	-	1	-	-	-	8	-	2	-	6	-	1	-	1	1	24
Finance and property	-	-	-	1	-	-	-	-	-	2	-	-	-	1	-	1	-	-	-	5
Commerce	-	11	-	6	-	12	-	5	-	104	-	32	-	96	-	20	-	11	-	297
Public authority (n.e.i.), etc.	-	8	-	6	-	12	-	3	-	124	-	20	-	147	-	12	-	30	-	362
Amusement, etc.	-	10	-	2	-	25	-	1	-	100	-	22	-	69	-	15	-	12	-	256
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	-	30	1	20	-	52	-	9	-	344	-	77	-	324	-	49	-	54	1	959
GRAND TOTAL, 1968-69: Number	-	79	1	25	-	58	-	10	-	436	-	99	-	444	-	81	-	68	1	1,300
Per cent	-	6.1	-	1.9	-	4.5	-	0.8	-	33.5	-	7.6	-	34.2	-	6.2	-	5.2	-	100.0
1967-68: Number	-	65	-	23	-	67	-	3	-	319	-	87	-	412	-	66	-	67	-	1,109
Per cent	-	5.9	-	2.1	-	6.0	-	0.3	-	28.8	-	7.9	-	37.1	-	6.0	-	6.0	-	100.0

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

TIME LOST: ONE WEEK OR MORE

No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY (a), 1968-69

MALES

Industry group or sub-group (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site unspecified	Mis-cell-aneous	Total
Primary production	37	34	18	196	139	237	213	71	-	7	952
Mining and quarrying	37	31	12	199	85	201	150	78	-	2	795
Total - Primary industry	74	65	30	395	224	438	363	149	-	9	1,747
Manufacturing -											
Cement, bricks, etc.	13	12	1	140	87	112	68	45	-	-	478
Engineering, etc.	39	85	19	358	152	411	188	199	1	10	1,462
Ships, vehicles, etc.	18	36	12	147	52	162	54	48	-	2	531
Food, drink, etc.	22	7	17	238	164	363	108	58	-	5	982
Sawmilling, etc.	13	18	3	129	53	241	97	84	1	1	640
Other manufacturing	8	13	9	156	64	180	70	43	-	2	545
Total - Manufacturing	113	171	61	1,168	572	1,469	585	477	2	20	4,638
Electricity, etc.	11	10	2	118	30	53	62	24	-	1	311
Building, etc.	82	129	36	701	229	505	477	278	6	19	2,462
Transport, etc.	35	31	39	465	135	198	290	142	5	2	1,342
Finance and property	1	1	-	8	2	2	2	1	-	1	18
Commerce	34	38	26	381	162	371	196	125	2	6	1,341
Public authority (n.e.i.), etc.	16	8	8	134	34	68	77	32	1	3	381
Amusement, etc.	8	7	4	86	36	72	68	35	-	1	317
Other	-	-	-	-	1	1	-	-	-	-	2
Total - Other industries	187	224	115	1,893	629	1,270	1,172	637	14	33	6,174
GRAND TOTAL,											
1968-69: Number	374	460	206	3,456	1,425	3,177	2,120	1,263	16	62	12,559
Per cent	3.0	3.7	1.6	27.5	11.4	25.3	16.9	10.1	0.1	0.5	100.0
1967-68: Number	395	456	167	3,494	1,418	3,275	2,159	1,245	42	52	12,703
Per cent	3.1	3.6	1.3	27.5	11.2	25.8	17.0	9.8	0.3	0.4	100.0

(a) For a more detailed description of Site of Injury, see page 3. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY (a), 1968-69 (continued)

FEMALES

Industry group or sub-group (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site unspeci- fied	Mis- cell- aneous	Total
Primary production	1	-	-	2	2	7	7	2	-	-	21
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Total - Primary industry	1	-	-	2	2	7	7	2	-	-	21
Manufacturing -											
Cement, bricks, etc.	-	-	-	5	2	2	1	2	-	-	12
Engineering, etc.	1	1	-	11	3	21	2	4	-	-	43
Ships, vehicles, etc.	-	-	-	1	-	1	1	1	-	-	4
Food, drink, etc.	4	2	2	30	20	52	31	12	-	-	153
Sawmilling, etc.	-	-	-	6	5	9	2	3	-	-	25
Other manufacturing	2	1	-	10	11	41	14	3	-	1	83
Total - Manufacturing	7	4	2	63	41	126	51	25	-	1	320
Electricity, etc.	-	-	-	-	-	-	1	-	-	-	1
Building, etc.	-	-	-	3	3	1	6	1	-	-	14
Transport, etc.	1	1	-	8	-	2	12	-	-	-	24
Finance and property	1	-	-	-	1	-	2	1	-	-	5
Commerce	8	1	8	74	33	60	78	33	-	2	297
Public authority (n.e.i.), etc.	12	1	10	137	55	49	74	23	-	1	362
Amusement, etc.	8	2	5	58	32	68	58	24	-	1	256
Other	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	30	5	23	280	124	180	231	82	-	4	959
GRAND TOTAL,											
1968-69: Number	38	9	25	345	167	313	289	109	-	5	1,300
Per cent	2.9	0.7	1.9	26.5	12.9	24.1	22.2	8.4	-	0.4	100.0
1967-68: Number	46	8	19	298	165	280	205	80	5	3	1,109
Per cent	4.2	0.7	1.7	26.9	14.9	25.2	18.5	7.2	0.5	0.3	100.0

(a) For a more detailed description of Site of Injury, see page 3. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1968-69

MALES

Industry group or sub-group (a)	Con- tusion, bruising, and super- ficial	Lacera- tions	Foreign bodies	Burns and scalds	Frac- tures	Dis- loca- tions	Sprains, strains, hernias	Am- puta- tions	Con- cus- sion	Other	Total
Primary production	167	285	20	33	115	16	265	15	7	29	952
Mining and quarrying	207	198	22	31	88	8	219	7	6	9	795
Total - Primary industry	374	483	42	64	203	24	484	22	13	38	1,747
Manufacturing -											
Cement, bricks, etc.	95	110	6	12	45	1	202	3	2	2	478
Engineering, etc.	264	367	65	115	139	15	443	15	8	31	1,462
Ships, vehicles, etc.	92	133	26	25	49	8	186	5	2	5	531
Food, drink, etc.	161	391	4	31	54	6	314	6	2	13	982
Sawmilling, etc.	133	218	8	7	80	5	165	18	2	4	640
Other manufacturing	85	164	6	26	39	4	199	13	3	6	545
Total - Manufacturing	830	1,383	115	216	406	39	1,509	60	19	61	4,638
Electricity, etc.	56	57	8	9	21	1	145	3	6	5	311
Building, etc.	490	564	96	89	225	21	884	26	21	46	2,462
Transport, etc.	293	208	22	24	137	11	618	7	11	11	1,342
Finance and property	2	2	-	1	4	-	7	-	1	1	18
Commerce	226	386	27	43	126	12	492	9	4	16	1,341
Public authority (n.e.i.), etc.	63	66	5	19	25	4	185	1	5	8	381
Amusement, etc.	43	75	3	22	29	6	127	5	2	5	317
Other	1	-	-	-	-	-	-	1	-	-	2
Total - Other industries	1,174	1,358	161	207	567	55	2,458	52	50	92	6,174
GRAND TOTAL,											
1968-69: Number	2,378	3,224	318	487	1,176	118	4,451	134	82	191	12,559
Per cent	18.9	25.7	2.5	3.9	9.4	0.9	35.4	1.1	0.7	1.5	100.0
1967-68: Number	2,495	3,429	299	455	1,158	89	4,393	112	116	157	12,703
Per cent	19.6	27.0	2.4	3.6	9.1	0.7	34.6	0.9	0.9	1.2	100.0

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1968-69 (continued)

FEMALES

Industry group or sub-group (a)	Con- tusion, bruising, and super- ficial	Lac- era- tions	For- eign bod- ies	Burns and scalds	Frac- tures	Dis- loca- tions	Sprains, strains, hernias	Amputa- tions	Concus- sion	Other	Total
Primary production	3	8	-	2	3	-	4	-	-	1	21
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Total - Primary industry	3	8	-	2	3	-	4	-	-	1	21
Manufacturing -											
Cement, bricks, etc.	3	1	-	-	1	-	7	-	-	-	12
Engineering, etc.	10	14	1	2	3	1	10	2	-	-	43
Ships, vehicles, etc.	1	2	-	-	-	-	1	-	-	-	4
Food, drink, etc.	45	36	-	4	5	1	54	3	2	3	153
Sawmilling, etc.	8	5	-	-	3	-	9	-	-	-	25
Other manufacturing	21	27	-	-	3	-	27	3	1	1	83
Total - Manufacturing	88	85	1	6	15	2	108	8	3	4	320
Electricity, etc.	1	-	-	-	-	-	-	-	-	-	1
Building, etc.	3	2	-	2	1	1	5	-	-	-	14
Transport, etc.	7	1	-	1	-	-	14	-	-	1	24
Finance and property	2	-	-	-	-	-	2	-	1	-	5
Commerce	66	65	1	13	19	7	114	1	4	7	297
Public authority											
(n.e.i.), etc.	64	38	-	18	37	2	195	-	5	3	362
Amusement, etc.	45	67	1	28	15	4	90	1	3	2	256
Other	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	188	173	2	62	72	14	420	2	13	13	959
GRAND TOTAL,											
1968-69: Number	279	266	3	70	90	16	532	10	16	18	1,300
Per cent	21.5	20.5	0.2	5.4	6.9	1.2	40.9	0.8	1.2	1.4	100.0
1967-68: Number	251	260	5	66	62	6	417	5	17	20	1,109
Per cent	22.6	23.5	0.5	6.0	5.6	0.5	37.6	0.5	1.5	1.8	100.0

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 5 - NON-FATAL ACCIDENTS: SITE OF INJURY AND ACCIDENT FACTOR (a), 1968-69

TIME LOST: ONE WEEK OR MORE

Site of injury (b)	Machin- ery	Veh- icles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stum- bling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Head	21	79	25	5	69	26	104	18	27	374	3.9
Eye	70	11	8	38	2	7	37	130	157	460	2.6
Neck	5	18	4	1	60	7	93	7	11	206	7.3
Trunk	51	150	16	5	765	52	2,249	94	74	3,456	4.3
Arm	83	86	71	5	331	109	517	144	79	1,425	4.0
Hand	675	117	101	20	129	168	1,138	724	105	3,177	3.0
Leg	67	136	54	15	976	167	466	132	107	2,120	4.4
Foot	67	63	69	7	161	121	673	69	33	1,263	3.4
Site unspecified	1	4	1	1	5	-	2	-	2	16	12.6
Miscellaneous reactions	1	1	12	19	-	2	2	-	25	62	2.9
Total	1,041	665	361	116	2,498	659	5,281	1,318	620	12,559	-
Average time lost	4.5	5.3	3.0	2.6	4.4	2.6	3.9	2.7	3.2	-	3.8
FEMALES											
Head	-	9	2	1	12	7	2	1	4	38	2.4
Eye	-	-	-	1	1	-	2	-	5	9	2.6
Neck	-	-	-	-	11	-	11	-	3	25	3.6
Trunk	2	4	4	1	106	5	213	1	9	345	5.0
Arm	3	2	11	-	69	13	62	4	3	167	4.6
Hand	69	-	19	3	22	27	83	71	19	313	3.1
Leg	3	8	12	1	186	31	30	3	15	289	4.5
Foot	2	2	10	2	29	16	41	1	6	109	2.8
Site unspecified	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous reactions	-	-	-	1	-	-	-	-	4	5	2.4
Total	79	25	58	10	436	99	444	81	68	1,300	-
Average time lost	4.0	2.3	2.6	1.5	4.4	3.5	4.6	2.3	3.6	-	4.1

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For a more detailed description of Site of Injury, see page 3.

No. 6 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND ACCIDENT FACTOR (a), 1968-69

Nature of injury	Machin- ery	Veh- icles	Elec- tricity, explosions, etc.	Harmful sub- stances	Falling, slipping, stum- bling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Contusion (b)	158	200	3	9	561	223	932	163	129	2,378	2.9
Lacerations	545	141	69	-	226	335	1,055	730	123	3,224	2.8
Foreign bodies	51	5	1	9	-	-	3	99	150	318	2.1
Burns and scalds	19	18	263	71	11	3	6	86	10	487	2.8
Fractures	102	136	9	-	314	34	454	67	60	1,176	7.1
Dislocations	8	3	-	-	53	1	45	2	6	118	9.3
Sprains (c)	74	112	2	-	1,272	48	2,709	143	91	4,451	4.1
Amputations	73	14	-	-	6	1	28	12	-	134	9.6
Concussion	3	20	1	-	29	9	17	2	1	82	3.4
Enucleation	1	-	1	-	-	-	2	2	-	6	10.3
Internal injury	-	3	-	-	3	-	2	1	2	11	13.4
Nerve injury	-	-	-	2	3	2	5	-	-	12	9.4
Other (d)	7	13	12	25	20	3	23	11	48	162	5.8
Total	1,041	665	361	116	2,498	659	5,281	1,318	620	12,559	3.8
FEMALES											
Contusion (b)	16	8	-	2	125	45	62	3	18	279	2.7
Lacerations	40	5	7	-	26	36	67	72	13	266	2.7
Foreign bodies	-	-	-	1	-	-	-	-	2	3	1.9
Burns and scalds	5	-	51	5	4	2	-	-	3	70	2.3
Fractures	6	1	-	-	53	5	19	-	6	90	9.4
Dislocations	-	-	-	-	8	1	5	-	2	16	4.4
Sprains (c)	2	4	-	-	206	7	289	6	18	532	4.8
Amputations	10	-	-	-	-	-	-	-	-	10	9.7
Concussion	-	6	-	-	6	3	1	-	-	16	2.3
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	-	-	-
Nerve injury	-	-	-	-	1	-	1	-	-	2	1.7
Other (d)	-	1	-	2	7	-	-	-	6	16	2.0
Total	79	25	58	10	436	99	444	81	68	1,300	4.1

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) Includes bruising and superficial injury. (c) Includes strains and hernias. (d) Includes 'unspecified'.

TIME LOST: ONE WEEK OR MORE

No. 7 - NON-FATAL ACCIDENTS: AGE GROUP AND ACCIDENT FACTOR (a), 1968-69

Age group (years)	Machin- ery	Veh- icles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total
MALES										
Under 20	210	69	57	19	253	90	576	292	79	1,645
20 - 29	254	190	132	35	569	163	1,186	455	176	3,160
30 - 39	184	124	61	13	463	128	1,096	177	143	2,389
40 - 49	193	132	52	26	564	139	1,140	210	109	2,565
50 - 59	128	92	40	11	436	97	834	118	67	1,823
60 and over	50	34	7	9	164	21	311	47	32	675
Age not stated	22	24	12	3	49	21	138	19	14	302
Total	1,041	665	361	116	2,498	659	5,281	1,318	620	12,559
FEMALES										
Under 20	20	5	9	2	57	16	64	20	13	206
20 - 29	21	12	10	3	69	11	85	16	15	242
30 - 39	8	-	16	1	74	22	100	17	9	247
40 - 49	22	6	14	2	127	35	132	14	13	365
50 - 59	6	1	7	1	84	7	42	11	13	172
60 and over	-	1	1	-	13	3	3	-	1	22
Age not stated	2	-	1	1	12	5	18	3	4	46
Total	79	25	58	10	436	99	444	81	68	1,300

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19.

TIME LOST: ONE WEEK OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost weeks		No.	Time lost weeks
<u>Machinery</u>						
Engines and prime movers	-	6	16.0	-	-	-
Pumps (including windmills)	-	3	78.2	-	-	-
Ropes, belts, pulleys, etc.	-	66	366.6	-	2	5.0
Shafting	-	6	25.6	-	-	-
Gears	-	-	(a) 1.0	-	-	-
Hoists, cranes, winches, etc.	1	89	599.6	-	2	12.0
Portable lifting appliances	1	34	102.4	-	-	-
Lifts	-	3	12.0	-	-	-
Conveyors	-	54	208.4	-	3	7.0
Abrasive, polishing, etc.	-	82	246.2	-	-	-
Agitators and mixers	-	15	66.8	-	2	6.0
Casting, forging, welding	-	36	156.8	-	-	-
Crushers, grinding mills, etc.	-	8	25.0	-	-	-
Drilling, boring, turning (metal)	-	38	168.6	-	5	16.6
" " " (other)	1	12	80.6	-	-	-
Milling machines (metal)	-	6	11.0	-	-	-
Planers and shapers (wood)	-	62	299.2	-	-	-
" " (other)	-	7	48.0	-	1	7.8
Packing and wrapping	-	6	22.6	-	1	1.4
Opening, picking, combing, carding	-	2	5.2	-	-	-
Presses and punches (metal)	-	33	156.2	-	3	25.0
" printing	-	8	26.6	-	-	-
" other	-	12	50.8	-	3	4.4
Rolls (printing, metal, gluing, etc.)	-	22	152.0	-	1	1.4
Saws (wood)	-	130	612.4	-	1	5.0
" (metal)	1	16	51.8	-	-	-
" (other)	-	15	46.6	-	1	1.6
Screening and separating	-	2	2.4	-	1	1.0
Sewing and stitching	-	2	23.6	-	3	3.2
Shears (metal)	-	21	85.8	-	1	8.2
" (paper)	-	3	11.2	-	1	14.2
" (other - except food and sheep shears)	-	4	13.2	-	2	3.4
Rotary cutters (except food)	-	5	28.4	-	1	2.2
Cutters, food	-	18	45.6	-	20	73.2
Spinning, weaving, knitting	-	3	6.8	-	-	-
Centrifuges	-	1	1.0	-	-	-
Other industrial machines (fixed)	-	108	479.6	-	20	109.4
Milking, shearing, cream separators	-	48	138.4	-	-	-
Farm implements (not tractors)	-	17	68.2	-	-	-
Other farm equipment (fixed)	-	16	62.2	-	-	-
Other machinery	-	22	77.6	-	5	11.0
Total	4	1,041	4,680.2	-	79	319.0
<u>Vehicles</u>						
Motor vehicles	5	330	2,138.2	-	21	46.2
Railway locomotives, trucks and cars	-	71	208.6	-	1	3.0
Mine, quarry and other vehicles on rails	-	22	140.8	-	-	-
Bicycles	-	8	37.6	-	1	4.0

(a) Reopened claim.

TIME LOST: ONE WEEK OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost weeks		No.	Time lost weeks
<u>Vehicles (continued)</u>						
Aircraft	-	-	-	1	1	3.0
Water transport	1	5	42.8	-	-	-
Animal-drawn vehicles	-	-	-	-	-	-
Mobile machinery -						
Mobile cranes and hoists	-	25	106.4	-	-	-
Fork-lift trucks	-	46	227.2	-	-	-
Tractors	1	66	224.8	-	-	-
Bulldozers, mechanical shovels, rollers, etc.	-	79	311.0	-	-	-
Other mobile machinery	-	10	55.0	-	-	-
Other vehicles	-	3	8.0	-	1	1.4
Total	7	665	3,500.4	1	25	57.6
<u>Electricity, explosions, flames, hot substances</u>						
Electricity -						
Cables and flexibles, portable machines, etc.	-	6	15.6	-	1	4.2
Switch and fuse gear	-	9	25.8	-	-	-
Electric supply wiring	1	8	35.8	-	1	1.8
Other electricity	-	5	14.4	-	-	-
Explosions -						
Blasting (mines and quarries)	-	3	27.4	-	-	-
Boilers and pressure vessels	-	3	18.4	-	-	-
Gas (household and industrial)	-	7	23.0	-	1	2.0
Other explosions (including weapons)	-	91	228.8	-	8	27.6
Flames and hot substances or objects	-	229	690.0	-	47	117.4
Total	1	361	1,079.2	-	58	153.0
<u>Harmful substances</u>						
Solids, powders	-	27	87.0	-	-	-
Gas and aerosols	-	20	33.4	-	2	2.2
Liquids	-	69	179.0	-	8	12.8
Total	-	116	299.4	-	10	15.0
<u>Falling, slipping, stumbling, etc.</u>						
Falling from -						
Ladders	1	170	902.8	-	7	23.0
Poles	-	10	94.0	-	-	-
Roofs	-	26	197.2	-	-	-
Scaffolding	-	98	449.0	-	-	-
Stairs or steps	-	170	600.0	-	107	511.2
Top or tray of vehicles	-	137	669.6	-	1	1.6
Other elevation	3	249	1,160.8	-	21	46.2
Falling into excavations	1	72	270.2	-	3	9.0
Jumping or stepping down	-	204	590.8	-	2	4.4
On same level -						
Slipping	1	911	3,985.8	-	199	906.6
Stumbling	-	207	861.4	-	43	238.0
Other and unspecified	-	244	1,124.8	-	53	179.2
Total	6	2,498	10,906.4	-	436	1,919.2

TIME LOST: ONE WEEK OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost weeks		No.	Time lost weeks
<u>Striking against, stepping on, etc.</u>						
Stepping on sharp objects	-	89	173.0	-	6	9.2
Striking against fixed or stationary objects	-	570	1,559.2	-	93	337.2
Total	-	659	1,732.2	-	99	346.4
<u>Handling, moving or falling objects</u>						
Strain in handling	-	2,583	10,958.6	-	287	1,406.4
Over-exertion	1	43	221.6	-	5	153.2
Struck by -						
Trees, limbs, logs	1	69	331.8	-	-	(a) 1.0
Poles	-	16	40.2	-	-	-
Other timber	-	372	1,542.2	-	11	31.2
Drums and barrels	-	80	327.0	-	4	12.8
Boxes, crates, cartons	-	87	273.6	-	6	17.0
Bricks and tiles	-	56	118.0	-	3	10.8
Earth, rock, sand	2	137	473.6	-	-	-
Hand trucks, barrows, etc.	-	80	279.6	-	11	33.4
Other objects	3	1,359	5,020.2	-	68	239.6
Handling sharp objects -						
Metal	-	181	407.2	-	9	32.8
Glass	-	79	181.0	-	28	58.4
Other sharp objects	-	107	225.6	-	11	33.4
Other	-	32	68.4	-	1	1.0
Total	7	5,281	20,468.6	-	444	2,031.0
<u>Hand tools</u>						
Hand operated -						
Axes, hatchets	-	39	91.2	-	-	-
Blow torches	-	2	2.0	-	-	-
Can openers	-	1	1.2	-	-	-
Cleavers, choppers	-	16	54.8	-	-	-
Chisels	-	22	54.6	-	-	-
Crowbars, pinchbars	-	47	144.0	-	-	-
Files	-	9	25.0	-	-	(a) 4.2
Hammers, mallets	-	183	472.2	-	1	1.4
Hooks	-	42	107.8	-	-	-
Knives	-	357	799.2	-	48	106.8
Needles	-	3	4.4	-	5	8.2
Pens and pencils	-	-	-	-	-	-
Picks, pickaxes, hoes	-	18	119.6	-	-	-
Pliers, pincers, tongs	-	4	14.8	-	-	-
Saws	-	32	97.2	-	1	2.0
Scissors and shears	-	6	18.6	-	4	9.6
Screwdrivers	-	7	11.6	-	-	-
Shovels and spades	-	71	282.4	-	-	-
Spanners, wrenches	-	71	230.8	-	2	2.2
Other	-	53	138.8	-	8	27.6

(a) Reopened claim.

TIME LOST: ONE WEEK OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost weeks		No.	Time lost weeks
<u>Hand tools (continued)</u>						
Power operated -						
Abrasive, sanding, polishing, etc.	-	51	97.4	-	-	-
Chisels	-	1	1.4	-	-	-
Drills, jack-hammers, etc.	-	76	241.4	-	-	-
Knives	-	4	13.4	-	4	10.6
Riveters	-	3	23.4	-	1	2.6
Saws	-	50	135.4	-	-	-
Screwdrivers	-	1	1.0	-	-	-
Soldering irons	-	-	-	-	-	-
Explosive-powered fasteners	-	2	4.6	-	-	-
Electric welders	-	64	107.8	-	-	-
Oxy torches	-	58	118.0	-	-	-
Other	-	25	106.2	-	7	11.4
Total	-	1,318	3,520.2	-	81	186.6
<u>Miscellaneous</u>						
Animals and insects	1	218	810.0	-	11	69.2
Physical causes -						
Cold	-	-	-	-	-	-
Compressed air	-	1	1.2	-	-	-
Exposure (to rain, wind, etc.)	-	3	12.4	-	-	-
Heat (furnaces, weather, etc.)	-	4	7.0	-	-	-
Immersion	1	3	23.8	-	-	-
Radiation (not burns from)	-	2	2.4	-	-	-
Vibration	-	3	22.2	-	-	-
Other physical causes	-	27	78.0	-	9	27.2
Pressure vessels	-	17	89.2	-	3	7.0
Other -						
Doors, windows, gates, etc.	-	74	203.8	-	19	31.2
Flying particles	-	151	311.2	-	1	1.8
Other and unspecified	-	117	413.0	-	25	111.2
Total	2	620	1,974.2	-	68	247.6
GRAND TOTAL	27	12,559	48,160.8	1	1,300	5,275.4

TIME LOST: ONE WEEK OR MORE

No. 9 - NON-FATAL ACCIDENTS: DURATION OF TIME LOST, 1968-69

Time lost	Males		Females		Persons	
	No.	Time lost weeks	No.	Time lost weeks	No.	Time lost weeks
1 week but under 2 weeks	6,458	8,176	675	853	7,133	9,029
2 weeks but under 4 weeks	3,365	8,816	355	919	3,720	9,735
4 weeks but under 6 weeks	1,078	5,087	104	483	1,182	5,570
6 weeks but under 8 weeks	576	3,844	54	368	630	4,212
8 weeks but under 13 weeks	645	6,318	58	578	703	6,896
13 weeks but under 26 weeks	310	5,301	34	582	344	5,883
26 weeks but under 52 weeks	97	3,425	14	467	111	3,892
52 weeks but under 104 weeks	25	1,788	3	182	28	1,969
104 weeks but under 156 weeks	4	531	3	398	7	929
156 weeks and more	1	177	-	-	1	177
Reopened claims (a)	-	4,697	-	446	-	5,143
Total	12,559	48,161	1,300	5,275	13,859	53,436

(a) Additional time lost which cannot be allocated to appropriate groups. The number of reopened claims reported was 3,779.